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Summary of ~~Mitchy~~ Design Meeting
December 1985

=== Primary Statements about Mitchy ===

- As advanced beyond the Amiga as the Amiga was beyond the Atari 800
- Designed to be naturally configured for any environment
- Long-term project -- 3 year development cycle -- intended to be the next-generation computer of the 1990's
- No restriction of upward-compatibility with existing product

=== Mitchy Compared with Amiga ===

CATEGORY	AMIGA	MITCHY
Communications .	Not built in	Fast telecommunications, better than 2400 baud
Processor .	68000	68020? RISC? 32-bit? Hold off decision as long as possible
Memory .	256-512K	Somewhere from 1M to 8M
Mass storage .	880K floppy	2M floppy, fast, large
Output .	NTSC, PAL	NTSC, PAL, ADTV, 1K x 1K capable
Coprocessors .	Simple	Advanced, many, system-wide
Monitor .	Not built in	Built in, flat screen
Audio output .	4 voice	8 voice, CD audio range
sound/video input	Not built in	Speech recognition (see blue-sky wish list)
Saved data .	None	Clock, system configuration

=== Software Features ===

- Virtual memory management
- Multi-tasking
- Multi-CPU, with distributed load-share

- Messages
- Artificial Intelligence kernel
- Advanced user interface
- Standardized DOS?

=== Blue Sky Wish List =====

- Great expandability
- Speech input and recognition
- Demand-paged memory management
- Built-in hard disk
- Gesture recognition
- Reasonably-priced built-in mass storage
- Reliability coprocessor
- Codevelopment of IBM-compatible and AMIGA-compatible cards
- Multi-user
- Constant-on
- Development environment

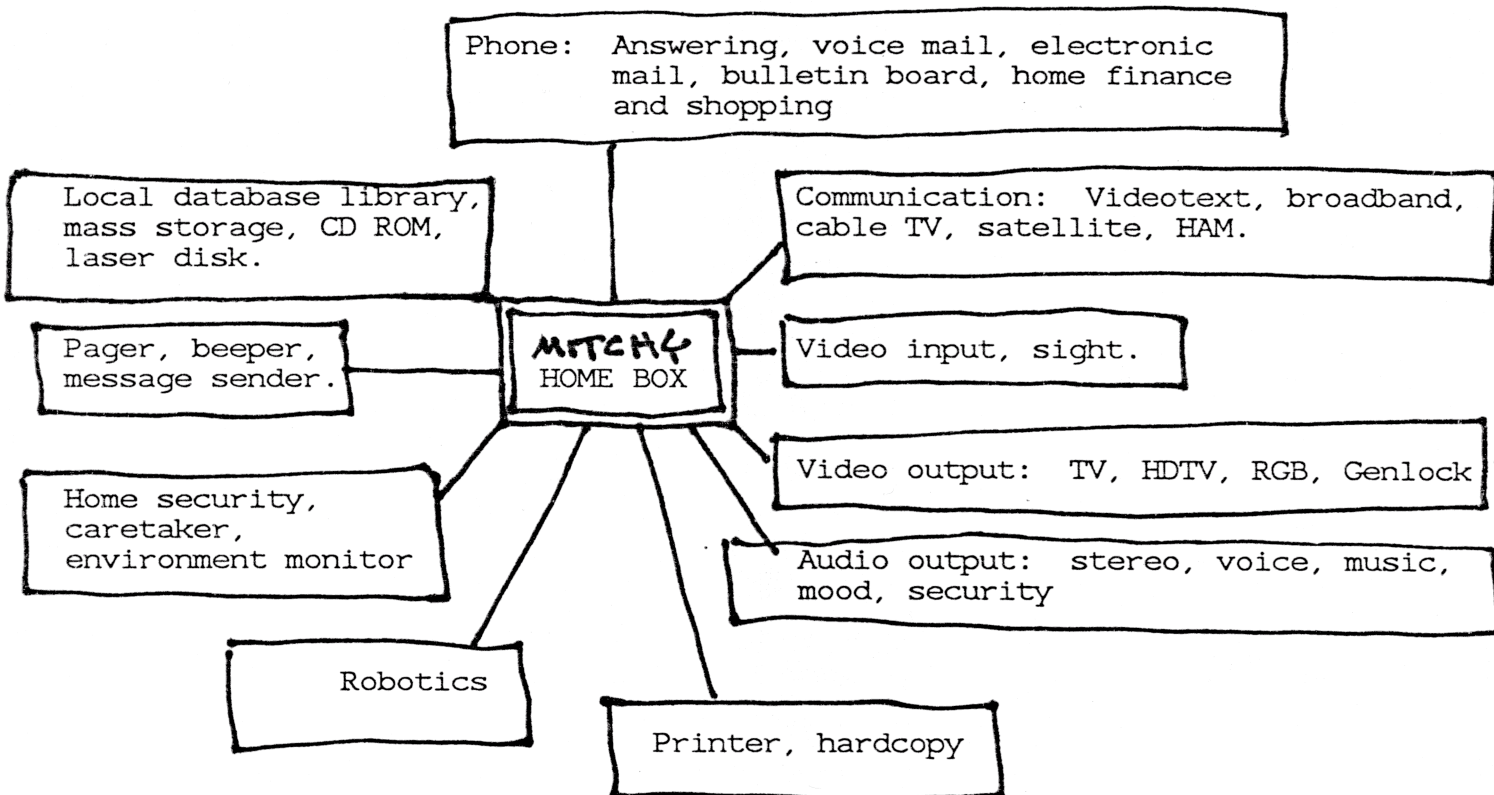
=== Markets =====

- Business (both small and large)
- Home
- School
- Government (large)
- Defense (very large)
- Engineering
- Entertainment

=== Timetable =====

		Release.	
		Final VLSI.	
1986	1987	1988	1989
START NOW. Blue sky, simulations.	Stacks and software emulation available.	Semi-custom chips available. Start of final board layout. Start of final mechanical.	

=== Overview of the Home Unit =====



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